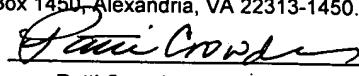




PATENT
Docket No.: P6D2-US

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on December 22, 2004 in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Patti Crowder

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Benjamin N. Eldridge et al.

Application No.: 09/846,490

Filing Date: April 30, 2001

For: PROBE CARD ASSEMBLY AND KIT,
AND METHODS OF MAKING SAME

Examiner: C. Arbes

Group Art Unit: 3729

REQUEST FOR ACKNOWLEDGEMENT OF IDS(S)

Mail Stop: RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Arbes:

The Examiner initialed listings of prior art are outstanding in four Information Disclosure Statements filed on March 8, 2002, January 10, 2003, May 8, 2003, and May 25, 2004 for the above-referenced application. Applicants request that the art cited in those four Information Disclosure Statements be considered and the listings of prior art be initialed and returned. For your convenience enclosed, as Attachments 1-4, are copies of the Information Disclosure Statements, excluding copies of the cited art references, as well as, copies of the stamped returned postcard. We will gladly supply an additional copy of the cited references upon request.

The Assistant Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this transmittal and associated documents, or to credit any overpayment to Deposit Account No. 50-0285 (Order No. P6D2-US).

Respectfully submitted,

Date: December 22, 2004

By: 

Stuart L. Merkadeau
Registration No. 33,262

FormFactor, Inc.
Legal Department
7005 Southfront Road
Livermore, CA 94551
Telephone: (925) 290-4028
Fax: (925) 290-4119

ATTACHMENT 1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: _____

Title: PROBE CARD ASSEMBLY AND KIT, AND METHODS OF USING SAME

Receipt is hereby acknowledged of the following:

<input type="checkbox"/> Patent Application (No. pgs ____)	<input type="checkbox"/> Petition for Extension of Time
<input checked="" type="checkbox"/> Information Disclosure Statement w/PTO 1449	<input type="checkbox"/> Resp. to Notice to File Missing Parts
<input type="checkbox"/> Drawings ____ Sheets	<input type="checkbox"/> Response/Amendment
<input type="checkbox"/> Declaration and Power of Attorney (Copy from prior Appl.)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Assignment w/Cover Sheet	<input type="checkbox"/> Submission of Formal Drawings
<input type="checkbox"/> Check No.____ in the amount of \$_____	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Revocation/Power of Attorney & Change of Corres. Address	<input type="checkbox"/> Appeal Brief
<input type="checkbox"/> Certification under 3.73	<input type="checkbox"/> Application Data Sheet
<input type="checkbox"/> _____ Transmittal	<input type="checkbox"/> Certificate of Mailing
	<input type="checkbox"/> Express Mail Certificate

Express Mail label No.: _____

Date Mailed: March 8, 2002

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: _____

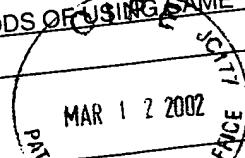
Title: PROBE CARD ASSEMBLY AND KIT, AND METHODS OF USING SAME

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<input type="checkbox"/> Patent Application (No. pgs ____)	<input type="checkbox"/> Petition for Extension of Time
<input checked="" type="checkbox"/> Information Disclosure Statement w/PTO 1449	<input type="checkbox"/> Response to File Missing Part
<input type="checkbox"/> Drawings ____ Sheets	<input type="checkbox"/> Response/Amendment
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Benjamin N. Eldridge et al.
Application No.: 09/846,490
Filing Date: April 30, 2001
For: PROBE CARD ASSEMBLY AND KIT, AND
METHODS OF USING SAME

Examiner: C. Arbes
Group Art Unit: 3729

INFORMATION DISCLOSURE STATEMENT (IDS)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). A copy of each listed publication, U.S. and foreign patent document, and pending U.S. application (including drawings and claims), is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

(1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))
-- OR --

(2) It is being filed within 3 months of entry of a national stage
-- OR --

(3) It is being filed before the mail date of the first Office Action on the merits
-- OR --

(4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

a statement as specified in §1.97(e) is provided below; **or**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

A. a statement as specified in §1.97(e) is provided below; **and**

B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

Fee Authorization. Applicants hereby authorize the Commissioner to charge the above fee of \$180.00 to Deposit Account No. 50-0285 (Order No. P6D2-US). Although Applicants believe that no additional fee is due in connection with the filing of this paper, the Commissioner is hereby authorized to charge any additional fees due, or credit any overpayment associated, with this communication to Deposit Account No. 50-0285 (Order No. P6D2-US).

Respectfully submitted,

By: 
N. Kenneth Burraston
Reg. No. 39,923

Date: March 8, 2002

FormFactor, Inc.
Legal Department
2140 Research Drive
Livermore, CA 94550
Telephone: (925) 294-4300

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/846,490
Sheet	1	of	6	Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
				Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	1	4032058		Riseman	6/28/1977	
	2	5103557		Leedy	4/14/1992	
	3	5187020		Kwon et al.	2/16/1993	
	4	5191708		Kasukabe et al.	3/9/1993	
	5	5354712		Ho et al	10/11/1994	
	6	5391521		Kim	2/21/1995	
	7	5513430		Yanof et al.	5/7/1996	
	8	6002266		Briggs et al.	12/14/1999	
	9	5917707		Khandros et al.	6/29/1999	
	10	6110823		Eldridge et al.	8/29/2000	
	11	6029344		Khandros et al.	2/29/2000	
	12	5772451		Dozier II, et al.	6/30/1998	
	13	2967216		Zablocki et al.	Jan-61	
	14	3663920		Lapham	May-72	
	15	3676776		Bauer et al.	Jul-72	
	16	3714384		Burkhardt	Jan-73	
	17	3771110		Reed	Nov-73	
	18	3826984		Epple	Jul-74	
	19	3891924		Ardezone et al.	Jun-75	
	20	3994552		Selvin	Nov-76	
	21	4307928		Petlock Jr.	Dec-81	
	22	4338621		Braun	Jul-82	
	23	4358175		Reid	Nov-82	
	24	4466184		Cuneo et al.	Aug-84	
	25	4553192		Babuka	Nov-82	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<i>Complete If Known</i>	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	2	of	6	Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	26	4567433		Ohkubo et al.	Jan-86	
	27	4593958		Baba	Jun-86	
	28	4615573		White et al.	Oct-86	
	29	4616404		Wang et al.	Oct-86	
	30	4707655		Kruger	Nov-87	
	31	4773877		Kruger et al.	Sep-88	
	32	4831614		Duerig et al.	May-89	
	33	4866504		Landis	Sep-89	
	34	4893172		Matsumoto et al.	Jan-90	
	35	4932883		Hsia et al.	Jun-90	
	36	4965865		Trenary	Oct-90	
	37	4993957		Shino	Feb-91	
	38	5090118		Kwon et al.	Feb-92	
	39	5152695		Grabbe et al.	Oct-92	
	40	5191708		Kasukabe et al.	Mar-93	
	41	5210939		Mallik et al.	May-93	
	42	5221895		Janko et al.	Jun-93	
	43	5308797		Kee	May-94	
	44	5391521		Kim	Feb-95	
	45	5469733		Yasue et al.	Nov-95	
	46	5475318		Marcus et al.	Dec-95	
	47	5632631		Fjelstad et al.	May-97	
	48	5811982		Beaman et al.	Sep-98	
	49	3832632		Ardezzone	8/27/1974	
	50	3654585		Wickersham	4/4/1972	

Examiner Signature		Date Considered	
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				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	3	of	6	Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
51	3842189			Southgate	10/15/1974	
52	4085502			Ostman et al.	4/25/1978	
53	4548451			Benarr et al.	10/22/1985	
54	4707657			Boegh-Petersen	11/17/1987	
55	4983907			Crowley	1/8/1991	
56	5017738			Tsuji et al.	5/21/1993	
57	5067007			Kanji et al.	Nov-91	
58	5139427			Boyd et al.	8/18/1992	
59	5148103			Pasiecznik, Jr.	9/15/1992	
60	5187020			Kwon et al.	2/16/1993	
61	5228861			Grabbe	7/20/1993	
62	5317479			Pai et al.	5/31/1994	
63	5437556			Bargain et al.	8/1/1995	
64	5471151			DiFrancesco	11/28/1995	
65	5476211			Khandros	12/19/1995	
66	5806181			Khandros et al.	Sep-98	
67	5828226			Higgins et al.	Oct-98	
68	5852871			Khandros	Dec-98	
69	5900738			Kandros et al.	May-99	
70	6050829			Eldridge et al.	Apr-00	
71	5109596			Driller et al.	May-92	
72	5399982			Driller et al.	Mar-95	
73	4955523			Calomagno et al.	Sep-90	
74	5189507			Carlomagno et al.	Feb-93	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/846,490
Sheet	4	of	6	Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
				Attorney Docket No.	P6D2-US

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		Number	Kind Code ²			
	75	5455390		DiStefano et al.	Oct-95	
	76	5130779		Agarwala et al.	Jul-92	
	77	5071359		Arnio et al.	Dec-91	
	78	5072520		Nelson	Dec-91	
	79	5237743		Busacco et al.	Aug-93	
	80	5245751		Locke et al.	Sep-93	
	81	5379515		Kondo et al.	Jan-95	
	82	4947481		Ikeda et al.	Aug-90	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ³	Kind Code ⁵				
	83	GB	1446196		Carrier	8/18/2076		
	84	EP	295914		Karnezos	12/21/1988		
	85	EP	396248		Keiichi et al.	11/7/1990		
	86	EP	413042		Greschner et al.	2/10/1991		
	87	JP	4214650		Shoichi	8/5/1992		
	88	JP	6018555		Meisei Denshi Kogyo	1/25/1994		
	89	JP	6265575		Masamitsu et al.	9/22/1994		
	90	JP	6180329			Jun-94		
	91	WO	9112706		Leedy	Aug-91		
	92	WO	9409513		Leedy	Apr-94		
	93	DE	4237591			5/11/1994		
	94	EP	369112			5/23/1990		
	95	EP	402756			12/19/1990		

Examiner Signature		Date Considered
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				Group Art Unit	3729
				Examiner Name	C. Arbes
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		Office ²	Number ³	Kind Code ⁵				
	96	JP	365659			Mar-91		
	97	JP	451535			Dec-91		
	98	JP	529406			Feb-93		
	99	JP	588960			Feb-83		
	100	JP	650990			Feb-94		
	101	JP	772172			Mar-95		
	102	JP	1152271			Oct-89		
	103	JP	1255240			10/12/1989		
	104	JP	2226996			Jan-00		
	105	JP	3292406			Nov-88		
	106	JP	4207047			Sep-90		
	107	JP	4240570			Aug-92		
	108	JP	4294559			Oct-92		
	109	JP	4357848			12/10/1992		
	110	JP	5218156			Aug-93		
	111	JP	6119770			Feb-86		
	112	JP	6244285			Mar-87		
	113	JP	6249924			Sep-94		
	114	JP	6273445			Sep-94		

Examiner Signature		Date Considered	
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				Filing Date	April 30, 2001
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				Examiner Name	C. Arbes
Sheet	6	of	6	Attorney Docket No.	P6D2-US

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		Office ³	Number ⁴	Kind Code ⁵				
	115	JP	6313775			Nov-94		
	116	JP	6363777			Apr-88		
	117	JP	58178293			Nov-83		
	118	JP	59149070			Oct-84		
	119	JP	62160373			Oct-87		
	120	JP	63243768			Oct-88		
	121	JP	63279477			Mar-91		

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
	122	"Robust Method Using Simple Unit Processes For Thin Film Cu-Polyimide Packaging Structures," IBM Technical Disclosure Bulletin, vol. 34, no. 10A (March 1992)				

Examiner Signature		Date Considered	
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ATTACHMENT 2

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: _____

Title: PROBE CARD ASSEMBLY AND KIT, AND METHODS OF USING SAME

Receipt is hereby acknowledged of the following:

Patent Application (No. pgs ____)
 Information Disclosure Statement w/PTO 1449
 Drawings ____ Sheets
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 Application Data Sheet
 Certificate of Mailing
 Express Mail Certificate

Express Mail label No.: _____

Date Mailed: January 10, 2003

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: _____

Title: PROBE CARD ASSEMBLY AND KIT, AND METHODS OF USING SAME

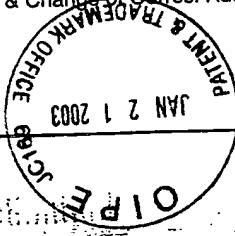
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 Check No. ___, in the amount of \$
 Revocation/Power of Attorney & Change of Corres. Address
 Certification under 3.73
 _____ Transmittal

Petition for Extension of Time
 Resp. to Notice to File Missing Parts
 Response/Amendment
 Issue Fee Transmittal
 Submission of Formal Drawings
 Notice of Appeal
 Appeal Brief
 Application Data Sheet
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Date Mailed: January 10, 2003



2

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: _____

Title: PROBE CARD ASSEMBLY AND KIT, AND METHODS OF USING SAME

Receipt is hereby acknowledged of the following:

- Patent Application (No. pgs ____)
- Information Disclosure Statement w/PTO 1449
- Drawings ____ Sheets
- Declaration and Power of Attorney (Copy from prior Appl.)
- Assignment w/Cover Sheet
- Check No.____ in the amount of \$____
- Revocation/Power of Attorney & Change of Corres. Address
- Certification under 3.73
- _____ Transmittal
- Petition for Extension of Time
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- Appeal Brief
- Application Data Sheet
- Certificate of Mailing

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Date Mailed: January 10, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Eldridge et al. Application No.: 09/846,490 Filing Date: April 30, 2001 For: Probe Card Assembly And Kit, And Methods Of Using Same	Examiner: C. Arbes Group Art Unit: 3729
--	--

INFORMATION DISCLOSURE STATEMENT (IDS)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))
-- OR --
- (2) It is being filed within 3 months of entry of a national stage
-- OR --
- (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- (4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

a statement as specified in §1.97(e) is provided below; **or**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

A. a statement as specified in §1.97(e) is provided below; **and**

B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

Fee Authorization. Applicants hereby authorize the Director to charge the above fee of \$180.00 to Deposit Account No. 50-0285 (Order No. P6D2-US). Although Applicants believe that no additional fee is due in connection with the filing of this IDS, the Director is hereby authorized to charge any additional fees due, or credit any overpayment associated, with this IDS to Deposit Account No. 50-0285 (Order No. P6D2-US).

Respectfully submitted,

By: N. Kenneth Burraston
N. Kenneth Burraston
Reg. No. 39,923

Date: January 10, 2003

FormFactor, Inc.
Legal Department
2140 Research Drive
Livermore, CA 94550
Telephone: (925) 456-3915

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/846,490
Sheet	1	of	2	Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
				Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	1	3810301		Cook	5/15/1974	
	2	3835530		Kilby	9/17/1974	
	3	4281449		Ports et al.	8/4/1981	
	4	4623839		Garretson et al.	11/18/1986	
	5	4795977		Frost et al.	1/3/1989	
	6	4924589		Leedy	5/15/1990	
	7	5055780		Takagi et al.	10/8/1991	
	8	5177438		Littlebury et al.	1/5/1993	
	9	5412329		Iino et al.	5/2/1995	
	10	5465611		Ruf et al.	11/14/1995	
	11	5476818		Yanof et al.	12/19/1995	
	12	5666190		Quate et al.	9/9/1997	
	13	5720098		Kister	2/24/1998	
	14	5811982		Beaman et al.	9/22/1998	
	15	6032356		Eldridge et al.	3/7/2000	
	16	6215320	B1	Parrish	4/10/2001	
	17	6219908	B1	Farnsworth et al.	4/24/2001	
	18	6330164	B1	Khandros et al.	12/11/2001	
	19	6334247	B1	Beaman et al.	1/1/2002	
	20	6392426	B2	Farnsworth et al.	5/21/2002	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	2	of	2	Attorney Docket No.	P6D2-US

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ²	Number ³				
21	EP	544305	A2	Ouchi et al.	6/2/1993		
22	JP	04-93157		Tazawa	8/13/1992		x
23	JP	05-018741		Kawase et al.	1/26/1993		x
24	JP	05-198716		Osawa	8/6/1993		x
25	JP	06-267408		Todokoro et al.	9/22/1994		x
26	JP	07-021968		Watanabe et al.	1/24/1995		x
27	JP	07-333232		Tagi et al.	12/22/1995		x
28	JP	59-088860		Hatada et al.	5/22/1984		x
29	JP	62-160373		Mizumo et al.	10/12/1987		x

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	31	KONG et al., "Integrated electrostatically resonant scan tip for an atomic force microscope," J. Vac. Sci. Technol. B 11(3) (May/June 1993), pp. 634-645	
	32	LEUNG et al., "Active Substrate Membrane Probe Card," Center for Integrated Systems, Stanford University, October 12, 1995, pp. 29.2.1-29.2.4	

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PATENT
Docket No.: P6D2-US

ATTACHMENT 3

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: May 12, 2003

Title: A Method Of Making A Contact Structure With A Distinctly Formed Tip Structure

Receipt is hereby acknowledged of the following:
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Express Mail label No.: _____

Date Mailed: May 8, 2003

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Benjamin N. Eldridge et al.

Date Due: May 12, 2003

Title: A Method Of Making A Contact Structure With A Distinctly Formed Tip Structure

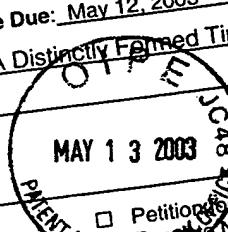
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Date Mailed: May 8, 2003



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Patti Crowder
Patti Crowder

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Eldridge et al.

Application No.: 09/846,490

Filing Date: April 30, 2001

For: Probe Card Assembly And Kit, And
Methods Of Using Same

Examiner: C. Arbes

Group Art Unit: 3729

INFORMATION DISCLOSURE STATEMENT (IDS)

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

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a statement as specified in §1.97(e) is provided below; **or**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

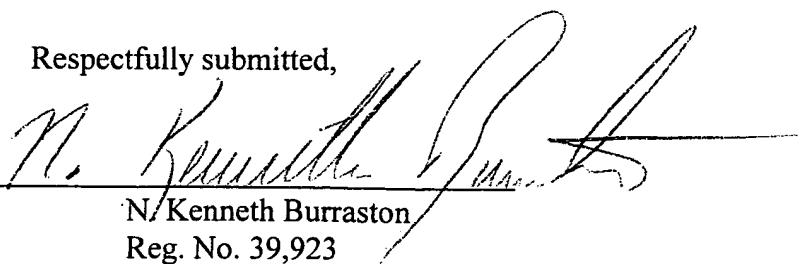
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Date: May 8, 2003

By: 

Respectfully submitted,

N/ Kenneth Burraston
Reg. No. 39,923

FormFactor, Inc.
Legal Department
2140 Research Drive
Livermore, CA 94550
Telephone: (925) 456-3915

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/846,490
Sheet	1	of	2	Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
				Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	1	4537808		Yamamoto et al.	8/27/1985	
	2	4969826		Grabbe	11/13/1990	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	3	WO	92/10010		Billette	6/11/1992		x

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

ATTACHMENT 4

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

Inventor: Eldridge et al.

Date Due: _____

Title: PROBE CARD ASSEMBLY AND KIT, AND METHODS OF USING SAME

Receipt is hereby acknowledged of the following:

COPIES OF CITED REFERENCES

Patent Application (No. pgs ____)
 Information Disclosure Statement w/PTO 1449
 Drawings ____ Sheets
 Declaration and Power of Attorney
 Assignment w/Cover Sheet
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/846,490

Attorney Docket No.: P6D2-US

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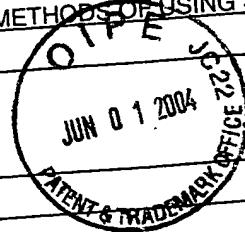
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Date Mailed: May 21, 2004

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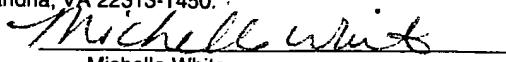


25

PATENT
Attorney Docket No.: P6D2-US

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on May 25, 2004 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Michelle White

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Eldridge et al.

Application No.: 09/846,490

Filing Date: April 30, 2001

For: PROBE CARD ASSEMBLY AND KIT, AND
METHODS OF USING SAME

Examiner: C. Arbes

Group Art Unit: 3729

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). A copy of each listed publication, U.S. and foreign patent document, and pending U.S. application (including drawings and claims), is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609.

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Respectfully submitted,

Date: May 21, 2004

By: 

Stuart L. Merkadeau
Registration No. 33,262

FormFactor, Inc.
Legal Department
2140 Research Drive
Livermore, CA 94550
Telephone: (925) 294-4300

Modified Form PTO/SB/08A

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<i>Complete If Known</i>	
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		Filing Date	4/30/01
		First Named Inventor	Eldridge et al.
		Group Art Unit	3729
		Examiner Name	C. Arbes
Sheet	1	of	1
		Attorney Docket No.	
		P6D2-US	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	3	Korea Institute of Machinery & Materials "Development of Manufacturing Process for Membrane Probe Card", Ministry of Science and Technology, pp.1-62, (1992).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

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